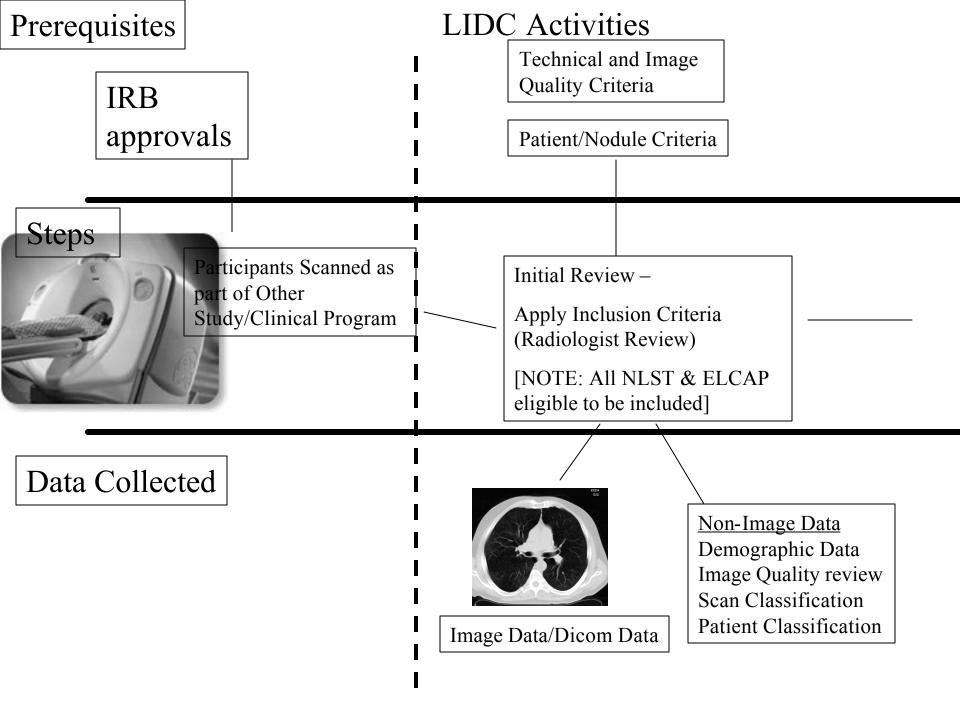
LIDC Process Model Draft 3.0 Low Dose Lung Screen CTs Detection Task ONLY (Type DtA)

Overview

- Prerequisites
- major data collection steps, and
- •data collected at each step.



Prerequisites

- Review workstation
- Vocabulary for Labeling
- Radiologist Training Set
- Agreement on Marking /contouring process
- Reconciliation Process

LIDC Activities

Radiologist Review & Reconcile

- •4 radiologists (all blinded) R1B, R2B, R3B, R4B
- •All submit markings to center/mediator
- •All 4 radiologists then see: (a) those lesions that everyone saw, (b) those lesions that NOT everyone saw, and (c) those lesions which a radiologist saw, but that not everyone saw (one can withdraw a lesion)
- •All 4 radiologists then read unblinded (R1U, R2U, R3U, R4U)



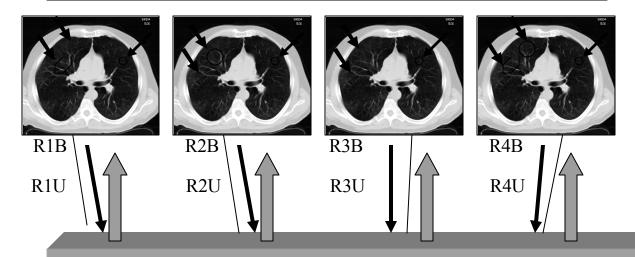
Reconcile only location NOT outlines, shape, etc.

Lesions for each condition: (R1B, R2B, R3B, R4B, R1U, R2U, R3U, R4U)

- Location
- Outline
- Label

Radiologist Review & Reconcile

- •4 radiologist (blinded) R1B, R2B, R3B, R4B
- •Submit to Center Mediator
- •4 Radiologists see markings (a) Everyone, (b) Some, (c) Only you
- •4 Radiologists Unblinded (R1U, R2U, R3U, R4U)



Central Mediator/Database